

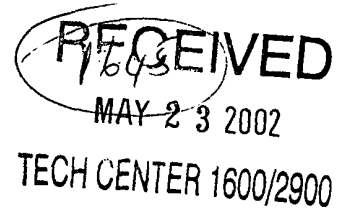


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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re Application of:

Kelvin STOTT

Serial No.: 10/030,137

Group Art Unit: Unassigned

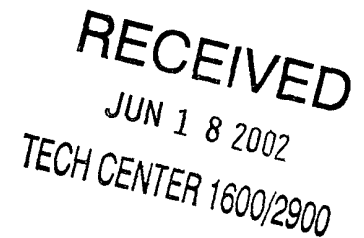
Filed: March 11, 2002

Examiner: Unassigned

For: PEPTIDES CONTAINING N-SUBSTITUTED L-AMINO ACIDS FOR PREVENTING
BETA-STRAND ASSOCIATION

INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents
Washington, DC 20231



Sir:

As a means of complying with the duty of disclosure under 37 CFR §1.56, and in accordance with 37 CFR §§1.97 and 1.98, Applicant(s), through the undersigned attorney, submits this Information Disclosure Statement. The patents, publications or other information submitted herewith are listed on the attached Form PTO-1449 and copies are attached.

In accordance with 37 CFR §1.97(b)(1) or (2), this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, or within



three months of the date of entry into the national stage of the
above-identified application as set forth in 37 CFR §1.491.
Accordingly, no fee is required.

Respectfully submitted,

JACOBSON HOLMAN PLLC

By: _____


John C. Holman

Registration No. 22,769

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Atty. Dkt. No.: 1398/P67518US0
Date: May 2, 2002
JCH:SKS:VJB

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LESSOR'S PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.: P67518US0
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 APPLICANT(S): Kelvin STOTT

GROUP ART UNIT: Unassigned
 FILING DATE: March 11, 2002
 TODAY'S DATE: May 2, 2002

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	TRANSLATION DATE (If Appropriate)
AA						
AB						
AC						
AD						
AE						

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES () NO ()
AF	WO 97/46547	12/1997	WIPO		
AG	WO 97/21728	06/1997	WIPO		
AH	WO 96/28471	09/1996	WIPO		
AI	EP0885904A1	12/1998	EUROPE		

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AJ Kunimasa Arima et al., "Immunoelectron-Microscopic Demonstration of NACP/ α -Synuclein-Epitopes on the Filamentous Component of Lewy Bodies in Parkinson's Disease and in Dementia with Lewy Bodies", (1998), Brain Research, Vol. 808, pages 93-100.

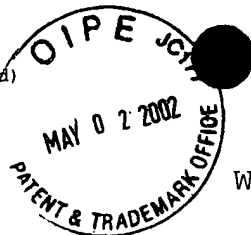
AK Yawen Bai et al., "Hydrogen Bond Strength and β -Sheet Propensities: The Role of a Side Chain Blocking Effect", (1994), Proteins: Structure, Function, and Genetics, Vol. 18, pages 262-266.

AL Francisca C. Bronfman et al., "Laminin Inhibits Amyloid- β -Peptide Fibrillation", (1996), Neuroscience Letters, Vol. 218, pages 201-203.

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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s)



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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

- AM Patrick Camilleri et al. "β-Cyclodextrin Interacts with the Alzheimer Amyloid β-A4 Peptide", (1994), FEBS Letters, Vol. 341, pages 256-258.
- AN Penchit Chitnumsub et al., "The Nucleation of Monomeric Parallel β-Sheet-Like Structures and their Self-Assembly in Aqueous Solution", (1999), Bioorganic & Medicinal Chemistry, Vol. 7, pages 39-59.
- AO Daniele Derossi et al., "Trojan Peptides: The Penetratin System for Intracellular Delivery", (1998), Trends in Cell Biology, Vol. 8, pages 84-87.
- AP Andrew J. Doig, "A Three Stranded β-Sheet Peptide in Aqueous Solution Containing N-Methyl Amino Acids to Prevent Aggregation", (1997), XP-002152179, Chem. Commun., pages 2153-2154.
- AQ Mark A. Findeis et al., "Modified-Peptide Inhibitors of Amyloid β-Peptide Polymerization", (1999), Biochemistry, Vol. 38, pages 6791-6800.
- AR Gianluigi Forloni et al., "Amyloid in Alzheimer's Disease and Prion-Related Encephalopathies: Studies with Synthetic Peptides", (1996), Progress in Neurobiology, Vol. 49, pages 287-315.
- AS Arthur L. Horwich et al., "Deadly Conformations-Protein Misfolding in Prion Disease", (1997), Cell, Vol. 89, pages 499-510.
- AT Steven E. Kahn et al., "A Long-Recognized but Underappreciated Pathological Feature of Type 2 Diabetes", (1999), Diabetes, Vol. 48, pages 241-253.
- AU Akira Kakizuka, "Protein Precipitation: A Common Etiology in Neuro-Degenerative Disorders", (1998), TIG, Vol. 14, No. 10, pages 396-402.

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

- AV Harry LeVine, III, "Thioflavine T Interaction with Synthetic Alzheimer's Disease β -Amyloid Peptides: Detection of Amyloid Aggregation in Solution", (1993), Protein Science, Vol. 2, pages 404-410.
- AW Alfredo Lorenzo et al., " β -Amyloid Neurotoxicity Requires Fibril Formation and is Inhibited by Congo Red", (1994), Proc. Natl. Acad. Sci., Vol. 91, pages 12243-12247.
- AX Parthasarathy Manavalan et al., "Conformational Energy Studies on N-Methylated Analogs of Thyrotropin Releasing Hormone, Enkephalin, and Luteinizing Hormone-Releasing", (1980), Biopolymers, Vol. 19, pages 1943-1973.
- AY Daniel L. Minor et al., "Measurement of the β -Sheet-Forming Propensities of Amino Acids", (1994), Nature, Vol. 367, pages 660-663.
- AZ Kerstin Mohle et al., "Secondary Structure Formation in N-Substituted Peptides", (1998), J. Peptide Res., Vol. 51, pages 19-28.
- BA Monica M. Pallitto et al., "Recognition Sequence Design for Peptidyl Modulators of β -Amyloid Aggregation and Toxicity", (1999), American Chemical Society, Vol. 38, pages 3570-3578.
- BB Lynne Regan, "The β -Sheet-Forming Propensities of Amino Acids have been Measured in a New Model System. The Origins of Observed Variations in the Propensities are Unclear, but the Results Provide a Useful Tool for Protein Design", (1994), Current Biology, Vol. 4, No. 7, pages 656-658.
- BC Christopher A. Ross "Intranuclear Neuronal Inclusions: A Common Pathogenic Mechanism for Glutamine-Repeat Neurodegenerative Diseases", (1997), Neuron, Vol. 19, pages 1147-1150.
- BD Beka Solomon et al., "Monoclonal Antibodies Inhibit in vitro Fibrillar Aggregation of the Alzheimer β -Amyloid Peptide", (1996), Vol. 93, pages 452-455.

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- BE Maria Grazia Spillantini et al., "α-Synuclein in Filamentous Inclusions of Lewy Bodies from Parkinson's Disease and Dementia with Lewy Bodies", (1998), Proc. Natl. Acad. Sci., Vol. 95, pages 6469-6473.
- BF Margaret Sunde et al., "From the Globular to the Fibrous State: Protein Structure and Structural Conversion in Amyloid Formation", (1998), Quarterly Reviews of Biophysics, Vol. 31, pages 1-39.
- BG Lars O. Tjernberg et al., "Controlling Amyloid β-Peptide Fibril Formation with Protease-Stable Ligands", (1997), The Journal of Biological Chemistry", Vol. 272, No. 19, pages 12601-12605.
- BH Marcel M. Verbeek et al., "The Role of Amyloid in the Pathogenesis of Alzheimer's Disease", (1997), Vol. 378, pages 937-950.
- BI Eric Vives et al., "A Truncated HIV-1 Tat Protein Basic Domain Rapidly Translocates Through the Plasma Membrane and Accumulates in the Cell Nucleus", (1997), The Journal of Biological Chemistry, Vol. 272, No. 25, pages 16010-16017.
- BJ Eric Vives et al., "Structure-Activity Relationship Study of the Plasma Membrane Translocating Potential of a Short Peptide from HIV-1 Tat Protein", (1997), Letters in Peptide Science, Vol. 4, pages 429-436.
- BK Robert W. Williams et al., "Secondary Structure Predictions and Medium Range Interactions", (1987), Biochimica et Biophysica Acta, Vol. 916, pages 200-204.

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